Loop Gizmo

User's Manual

RJM Music Technology, Inc.

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Introduction

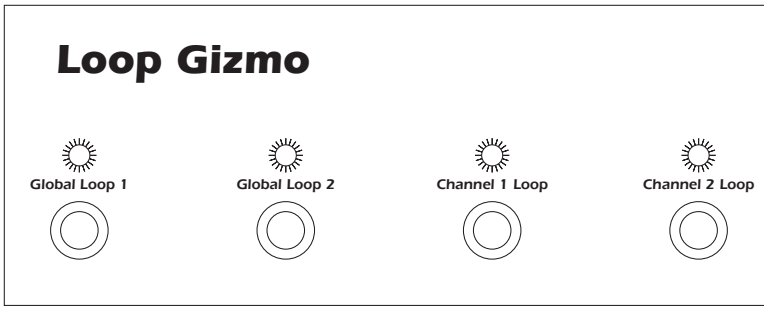
Thank you for purchasing a LOOP GIZMO. The LOOP GIZMO is a true bypass pedal looper. This means that you can connect your pedals to the LOOP GIZMO and use it to switch your pedals in and out of your signal path. This provides you with a number of benefits:

- One switch can turn more than one pedal on and off.
- Pedals that aren't being used can be bypassed entirely so they don't contribute to noise or signal degradation.
- You stomp on the LOOP GIZMO instead of your pedals – wear and tear on these pedals is greatly reduced.

The most unique and useful feature of the LOOP GIZMO is the ability to work as your amp's footswitch. Most amps that have a one or two button footswitch can be controlled by the LOOP GIZMO. Two of the pedal loops are linked to the channel footswitch – one loop is active when amp channel 1 is selected and another loop is active when amp channel 2 is selected. This allows you to simultaneously switch amp channels and effects with a single button press!

Other features include a tuner mute button – pressing this button mutes the output and sends your signal to a tuner output jack so you can tune silently. Also, a loop order switch allows you to change the order of the pedal loops to suit your needs.

Front Panel (left side)



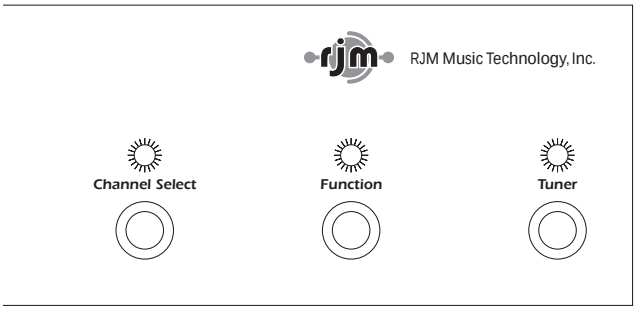
Global Loop 1 – Pressing this button toggles Global Loop 1 on and off. When the LED above this button is lit, the pedals plugged into Global Loop 1 are enabled.

Global Loop 2 – Pressing this button toggles Global Loop 2 on and off. When the LED above this button is lit, the pedals plugged into Global Loop 2 are enabled.

Channel 1 Loop – Pressing this button toggles the Channel 1 Loop on and off. When the LED above this button is lit *and* the Channel Select LED is not lit, the pedals plugged into the Channel 1 Loop are enabled.

Channel 2 Loop – Pressing this button toggles the Channel 2 Loop on and off. When the LED above this button is lit *and* the Channel Select LED is lit, the pedals plugged into the Channel 2 loop are enabled.

Front Panel (right side)



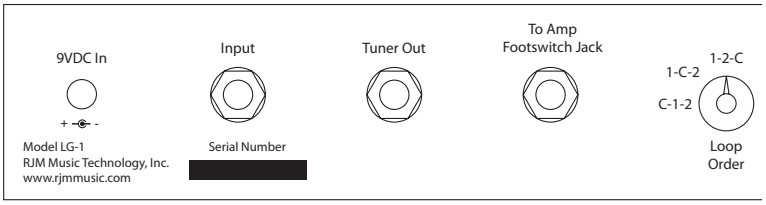
Channel Select – This button selects which of your amp's channels is active. For most amps, channel 1 is active when the Channel Select LED is off, and channel 2 is active when the Channel Select LED is lit. On some amps, channels 1 and 2 are reversed. Instructions on how to correct this can be found in the manual section entitled Configuration Switches.

The Channel Select button also controls which Channel Loop is selected. When the Channel Select LED is off, the Channel 1 Loop is selected. When the Channel Select LED is lit, the Channel 2 Loop is selected. The selected Channel Loop will be on if that Channel Loop's LED is lit. The Channel Loop that is not selected will not be on regardless of whether its LED is lit or not.

Function – This button controls a secondary function on your amp – the same function that the second button on your amp's footswitch controls. This could be reverb, boost or anything else. If your amp uses a single button footswitch, this button will have no effect.

Tuner – When this button's LED is lit, the LOOP GIZMO's output is muted, and your guitar signal is sent out the Tuner Out jack. This allows you to tune your guitar silently. When this button's LED is off, your guitar signal is routed normally.

Back Panel (left side)



VDC In – This unit requires a 9VDC, 200mA power supply. The plug should be a 5.5mm/2.1mm barrel connector with center negative. This is the same type of power supply used with most effect pedals.

Input – Connect your guitar here.

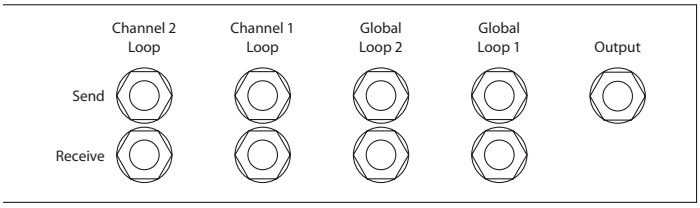
Tuner Out – Connect your tuner here. The guitar signal is sent out this jack when the Tuner button on the front panel is activated.

To Amp Footswitch Jack – Connect this jack to your amp's footswitch jack. If your amp uses a single button footswitch, you can use a standard ¼" instrument cable. If your amp uses a two button footswitch, you should use a ¼" stereo cable (also known as a TRS cable).

Loop Order – This switch selects the position of the Channel Loops in the signal path. The loop order for each setting is as follows:

C-1-2: Channel Loops -> Global Loop 1 -> Global Loop 2
1-C-2: Global Loop 1 -> Channel Loops -> Global Loop 2
1-2-C: Global Loop 1 -> Global Loop 2 -> Channel Loops

Back Panel (right side)



Channel 2 Loop – Connect your effects for the Channel 2 Loop here. Connect the upper (Send) jack to the effect input and the lower (Return) jack to the effect output. Effects connected to these jacks will be active when both the Channel 2 Loop switch and the Channel Select switch are on.

Channel 1 Loop – Connect your effects for the Channel 1 Loop here. Connect the upper (Send) jack to the effect input and the lower (Return) jack to the effect output. Effects connected to these jacks will be active when both the Channel 1 Loop switch is on and the Channel Select switch is off.

Global Loop 2 – Connect your effects for Global Loop 2 here. Connect the upper (Send) jack to the effect input and the lower (Return) jack to the effect output. Effects connected to these jacks will be active when the Global Loop 2 switch is on.

Global Loop 1 – Connect your effects for Global Loop 1 here. Connect the upper (Send) jack to the effect input and the lower (Return) jack to the effect output. Effects connected to these jacks will be active when the Global Loop 1 switch is on.

Output – Connect your amplifier here.

Connecting to the Loop Gizmo

Figure 1 shows an example setup using the LOOP GIZMO. In this configuration, the user has set up one pedal per loop, with an overdrive pedal in Global Loop 1, a vibe pedal in Global Loop 2, a chorus pedal in the Channel 1 Loop and a delay pedal in the Channel 2 Loop.

The Loop Order switch is set so that the Channel Loops are first in the signal path, followed by Global Loops 1 and 2.

The Channel 1 Loop switch controls the chorus effect. If it's on, the chorus pedal will be enabled whenever the amp's clean channel (channel 1) is selected. If it's off, the chorus pedal will be disabled.

The Channel 2 Loop switch controls the delay effect. If it's on, the delay pedal will be enabled whenever the amp's dirty channel (channel 2) is selected. If it's off, the delay pedal will be disabled.

The Global Loop 1 switch controls the overdrive pedal and the Global Loop 2 switch controls the vibe pedal. These pedals are available regardless of which amp channel is activated.

With this setup, you can go from a clean chorused sound to a dirty delayed sound with a single tap of the Channel Select switch!

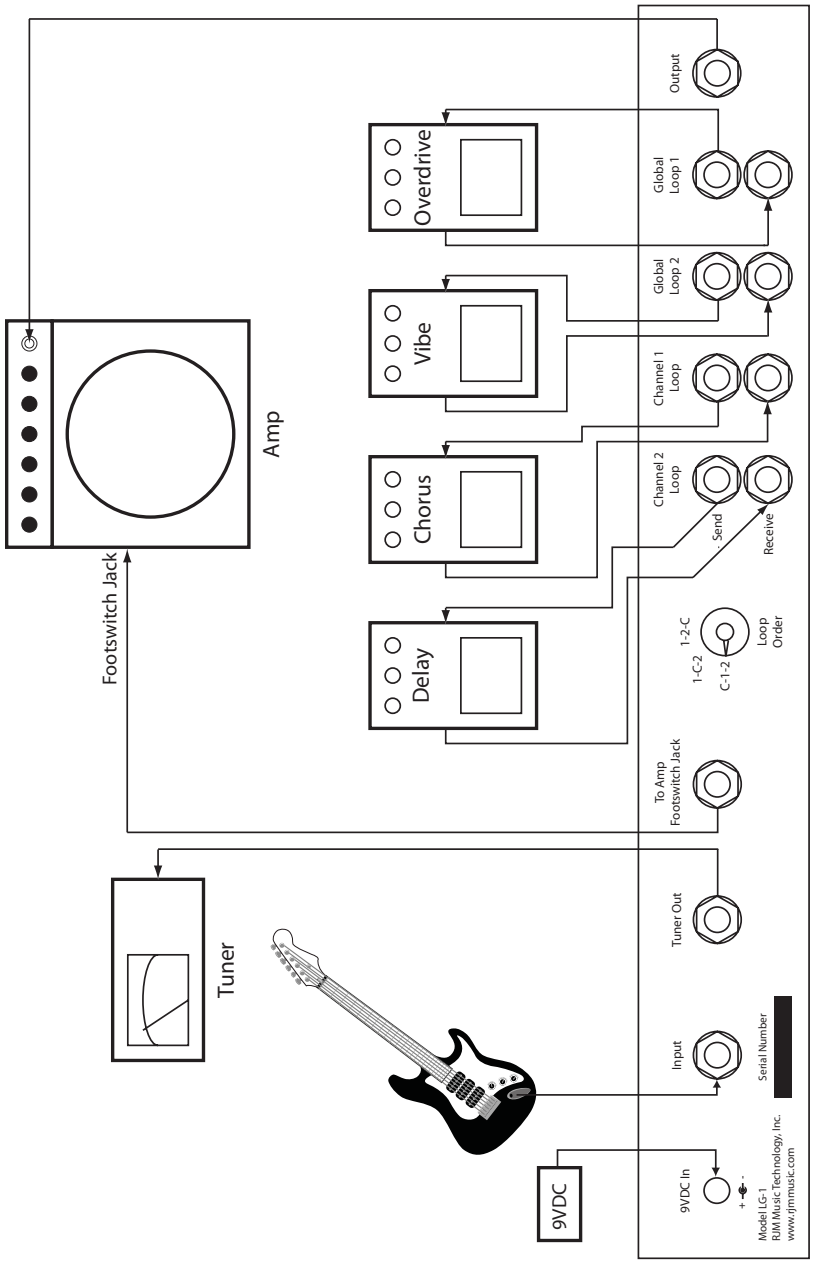


Figure 1 - An Example Connection

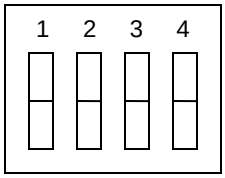
Configuration Switches

With certain amplifiers, the Channel Select and Function switches might be inverted. This means that the LED is lit when you expect it to be off. For example: the Channel Select LED turns on for the clean channel and turns off for the dirty channel. Or, the Function LED might turn on when the amp's reverb is off and vice-versa.

If you're not having this problem, you can happily ignore this section. But, if you need to fix an inverted switch, please read on…

To get access the configuration switches, you need to remove the top panel. First, remove the nuts and washers from the seven footswitches. Next, remove the eight screws from the top panel (six on top and two along the bottom edge). Gently remove the top panel by lifting it up.

Inside, you'll find a bank of four DIP switches that looks like this:



If the Channel Select switch is inverted, flip switches 1 and 2. For example, if switch 2 is up and switch 1 is down, change them so switch 1 is up and switch 2 is down.

If the Function switch is inverted, flip switches 3 and 4. For example, if switch 4 is up and switch 3 is down, change them so switch 3 is up and switch 4 is down.

After doing that, reassemble the LOOP GIZMO and you're ready to go!

Warranty

RJM Music Technology, Inc. warrants this product against any defects that are due to faulty material or workmanship for a period of one year from the date of original retail purchase. This warranty does not cover damage to the product resulting from accident or misuse.

This warranty is transferable provided the current owner has the original purchase receipt and can provide a copy of it when submitting the warranty claim.

Should you experience any difficulty with this RJM Music product, please contact us as described below. If it is determined that the product has become defective within the warranty period and must be returned to the factory, RJM Music Technology will issue a Returned Merchandise Authorization (RMA) number and shipping and packaging instructions.

RJM Music Technology will repair or replace the product free of charge, provided it is returned freight prepaid to RJM Music Technology with a valid receipt and RMA number. Return shipping will be paid by RJM Music Technology within the U.S. only.

This warranty shall not apply to any goods that have been repaired or altered by anyone other than the manufacturer. There are no warranties which extend beyond the terms described herein.

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